

# Overview

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- ◆ Provisioning of Unbundled Local Loops
- ◆ Provisioning of Unbundled Local Switching
- ◆ Provisioning of Unbundled Local Transport
- ◆ Provisioning of Interim Number Portability (INP)
- ◆ Review

# Unbundled Local Loop: Checklist Requirement

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Checklist Item iv:

BA-NY provides non-discriminatory access to “local loop transmission from the central office to the customer’s premises, unbundled from local switching or other services.”

# Unbundled Local Loop

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- ◆ BA-NY currently provides a variety of 2 and 4 wire unbundled local loops.
- ◆ BA-NY currently provides in commercial volumes:
  - 2 Wire Analog Loop
  - 2 Wire Digital Loop - ISDN Qualified

# Unbundled Local Loop: 1997 Results

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- ◆ 5,559 New Loops - 88% on time completion
- ◆ 5,929 Hot Cuts - 89% on time completion
- ◆ Resources in place to meet forecasted CLEC requirements
- ◆ Results to date exceed contract commitments
  - Can provide hot cuts in excess of reasonable volumes on a daily basis

# Unbundled Local Loop: Provisioning Process

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- ◆ Mechanized pre-order and ordering processes available through Direct Customer Access System (DCAS)
- ◆ Methods and Procedures documented for all elements offered

# Unbundled Local Switching: Checklist Requirement

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## Checklist Item vi

BA-NY provides non-discriminatory access to “local switching unbundled from transport, local loop transmission, or other services.”

# Unbundled Local Switching

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- ◆ BA-NY currently provides the following switch ports and features:
  - Line side ports
  - Trunk side ports
  - Customized routing
  - Office dialing plans
- ◆ BA-NY provides shared transport in conjunction with unbundled local switching.

# Unbundled Local Switching: 1997 Results

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- ◆ Customized routing successfully implemented
- ◆ Carrier specific office dialing plans successfully implemented
- ◆ 1,052 unbundled local switching elements requested - 93% on time completion



# Unbundled Local Switching: Provisioning Process

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- ◆ Cooperative Network Design Request (NDR) process establishes CLEC in BA-NY switches
- ◆ Mechanized ordering process available through DCAS for subsequent local switching orders
- ◆ Methods and Procedures documented for all elements offered

# Unbundled Local Transport: Checklist Requirement

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## Checklist Item v

BA-NY provides non-discriminatory access to “local transport from the trunk side of a wireline local exchange carrier switch unbundled from switching or other services.”

# Unbundled Local Transport

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BA-NY currently provides:

- Dedicated DS-1, DS-3, OC-3, OC-12 transport
- Dedicated 1/0 and 3/1 multiplexing

# Unbundled Local Transport: Definition

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- ◆ Unbundled Local Transport is different from interconnection trunking:
  - Unbundled from BA-NY switching
  - Considered unbundled element, not end-to-end tariffed service offering
  - DS-1, DS-3, OC-3 and OC-12 transport available versus DS-0/DS-1 message trunking

# Unbundled Local Transport: 1997 Results

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- ◆ 12 orders completed (DS-1, DS-3, OC-3)
- ◆ 100% on-time completion of all orders

# Unbundled Local Transport: Provisioning Process

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- ◆ Mechanized ordering processes available via Access Service Request (ASR) through DCAS or Network Data Mover (NDM)
- ◆ Methods and Procedures documented for all elements offered

# Interim Number Portability: Checklist Requirement

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## Checklist Item xi

BA-NY provides “...interim telecommunications number portability through remote call forwarding, direct inward dialing trunks, or other comparable arrangements with as little impairment of functioning, quality, reliability, and convenience as possible...”

# Interim Number Portability

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BA-NY currently provides:

- INP through Remote Call Forwarding
- INP through Route Indexing



# Interim Number Portability: 1997 Results

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- ◆ 4,521 Pure INP orders completed with 95% on-time completion rate
- ◆ 5,929 Hot cuts completed with 89% on-time completion rate

# Review

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- ◆ BA-NY has met the order demand of CLECs to date
- ◆ BA-NY has participated in collaborative sessions with CLECs to facilitate understanding of products and ease of ordering

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# BA-NY's Section 271 Filing



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# OSS & Unbundled Elements

Stuart Miller  
Vice President - Wholesale Systems  
February 5, 1998



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# Agenda

- UNE Electronic Interfaces
- Pre-Ordering: Overview and Functionality
- Ordering: Overview
- Ordering/Provisioning: Functionality
- Flowthrough
- Maintenance & Repair
- Billing
- CLEC support

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## BA-NY Electronic Interfaces - Unbundled Elements

- Interface availability meets the needs of small & large carriers
- Provides access to the same functions available in the retail environment

Interface	Pre-Order	Order	Provisioning	Maintenance	Billing
WEB-GUI Graphical User Interface	X	X	X	X	
EIF Electronic Interface Format	X	X	X	X	
EDI 7/LSR 2 Electronic Data Interchange/Local Service Request		X			
NDM Network Data Mover*		X			X
CORBA Common Object Broker Architecture	target 2Q98				



\* Used for access-like elements

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## **Pre-Order for Unbundled Elements - Overview**

- Current interfaces - Web GUI/EIF
- Currently no adopted industry standard
  - BA-NY deploying industry recommended CORBA
  - Targeted for the 2nd Quarter of 1998
- Processed 240,716 pre-order transactions in 1997
- 15 CLECs have 289 interface IDs for UNE

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## Pre-Order Functionality - Unbundled Elements

Functions	LOOP	SWITCH	TRANSPORT
Address Validation	X	X	
Street Address Guide Delivery	X	X	
Product & Service Availability		X	
TN Reservation/Return		X	
Due Date Availability	X	X	
CSR for Conversion	X	X	
CABS CSR for Switch/Trunk Port, DS1/DS3 Loops and IOF	X	X	X
View Directory Listing	X	X	
Loop Qualification for ISDN	X		
CLLI Validations	X	X	X
Directory Listing Request	X	X	



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## Ordering Process - Unbundled Elements

- Interfaces available for Unbundled Elements
  - Web GUI
  - EIF
  - EDI 7/LSR2
  - Access Service Request (ASR) - for access-like elements only
- 329 Order processing tests performed -- tests cover all unbundled elements deployed to date